

PRINTING SYSTEM WITH VACUUM TABLE

ABSTRACT OF THE DISCLOSURE

An apparatus for transporting a substrate in a printing system includes a transport belt provided with a plurality of holes which extend through a thickness of the belt, and a vacuum table which generates a vacuum, and is positioned on one side of the transport belt. A porous sheet is positioned between the belt and the vacuum table, while the vacuum table, the porous sheet, and the transport belt are in fluid communication. The vacuum generated by the vacuum table creates a suction on the substrate placed on the transport belt, and the porous sheet restricts fluid flow between the table and the transport belt to maintain a desired vacuum as an area of the transport belt covered by the substrate varies as the substrate is transported through the printing system.